

Author Index Volume 122

- Ahrens, T.J., see Rowan, L.R. 122 (1994) 71
Allan, G.L., see Andrews, J.N. 122 (1994) 159
Allègre, C.J., Th. Staudacher and Ph. Sarda, Reply to comment by F.M. Stuart on: "Speculations about the cosmic origin of He and Ne in the interior of the Earth" 122 (1994) 249
Andrews, J.N., W.M. Edmunds, P.L. Smedley, J.-C. Fontes, L.K. Fifield and G.L. Allan, Chlorine-36 in groundwater as a palaeoclimatic indicator: the East Midlands Triassic sandstone aquifer (UK) 122 (1994) 159

Banerjee, S.K., see Kelso, P.R. 122 (1994) 43
Barnicoat, A., see Gubbins, D. 122 (1994) 89
Bazhenov, M.L. and V.S. Burtman, Upper Cretaceous paleomagnetic data from Shikotan Island, Kuril Arc: Implications for plate kinematics 122 (1994) 19
Bienfait, G., see Guillou, L. 122 (1994) 103
Bogard, D.D., see Takeda, H. 122 (1994) 183
Bonatti, E., see Seyler, M. 122 (1994) 281
Bourlès, D.L., E.T. Brown, C.R. German, C.I. Measures, J.M. Edmond, G.M. Raisbeck and F. Yiou, Examination of hydrothermal influences on oceanic beryllium using fluids, plume particles and sediments from the TAG hydrothermal field 122 (1994) 143
Brown, E.T., see Bourlès, D.L. 122 (1994) 143
Burtman, V.S., see Bazhenov, M.L. 122 (1994) 19

Cameron, E.M., see McInnes, B.I.A. 122 (1994) 125
Cann, J., see Gubbins, D. 122 (1994) 89
Casier, J.-G., see Claeys, P. 122 (1994) 303
Cazenave, A. and C. Thoraval, Mantle dynamics constrained by degree 6 surface topography, seismic tomography and geoid: Inference on the origin of the South Pacific Superswell 122 (1994) 207
Claeys, P. and J.-G. Casier, Microtektite-like impact glass associated with the Frasnian–Famennian boundary mass extinction 122 (1994) 303
Clement, B.M., C.B. Connor and G. Draper, Paleomagnetic estimate of the emplacement temperature of the long-runout Nevado de Colima volcanic debris avalanche deposit, Mexico. *Earth Planet. Sci. Lett.* 120, 499–510, 1993 (erratum) 122 (1994) 417
Colman, S.M., see Peck, J.A. 122 (1994) 221
Condomines, M., Comment on: "The volume and residence time of magma beneath active volcanoes determined by decay series disequilibria methods" 122 (1994) 251
Connor, C.B., see Clement, B.M. 122 (1994) 417
Courtillot, V., see Féraud, G. 122 (1994) 259

Draper, G., see Clement, B.M. 122 (1994) 417

Ebihara, M., see Hidaka, H. 122 (1994) 173
Edmond, J.M., see Bourlès, D.L. 122 (1994) 143
Edmunds, W.M., see Andrews, J.N. 122 (1994) 159

Féraud, G. and V. Courtillot, Comment on: "Did Deccan volcanism pre-date the Cretaceous–Tertiary transition?" 122 (1994) 259
Fifield, L.K., see Andrews, J.N. 122 (1994) 159

- Fontes, J.-C., see Andrews, J.N. 122 (1994) 159
- Gariépy, C., see Guillou, L. 122 (1994) 103
- German, C.R., see Bourlès, D.L. 122 (1994) 143
- Gillot, P.-Y., J.-C. Lefèvre and P.-E. Nativel, Model for the structural evolution of the volcanoes of Réunion Island 122 (1994) 291
- Gopalan, K., see Venkatesan, T.R. 122 (1994) 263
- Gubbins, D., A. Barnicoat and J. Cann, Seismological constraints on the gabbro–eclogite transition in subducted oceanic crust 122 (1994) 89
- Guillou, L., J.-C. Mareschal, C. Jaupart, C. Gariépy, G. Bienfait and R. Lapointe, Heat flow, gravity and structure of the Abitibi belt, Superior Province, Canada: Implications for mantle heat flow 122 (1994) 103
- Haggerty, S.E., Superkimberlites: A geodynamic diamond window to the Earth's core 122 (1994) 57
- Hidaka, H., T. Sugiyama, M. Ebihara and P. Holliger, Isotopic evidence for the retention of ^{90}Sr inferred from excess ^{90}Zr in the Oklo natural fission reactors: Implication for geochemical behaviour of fissiogenic Rb, Sr, Cs and Ba 122 (1994) 173
- Holliger, P., see Hidaka, H. 122 (1994) 173
- Hurwitz, S. and O. Navon, Bubble nucleation in rhyolitic melts: Experiments at high pressure, temperature, and water content 122 (1994) 267
- Jaupart, C., see Guillou, L. 122 (1994) 103
- Keigwin, L., see Lund, S.P. 122 (1994) 317
- Kelso, P.R. and S.K. Banerjee, Elevated temperature viscous remanent magnetization of natural and synthetic multidomain magnetite 122 (1994) 43
- Kent, D.V., see Muttoni, G. 122 (1994) 1
- King, J.W., see Peck, J.A. 122 (1994) 221
- Kono, M., see Tanaka, H. 122 (1994) 29
- Kravchinsky, V.A., see Peck, J.A. 122 (1994) 221
- Krot, A.N., see Wasson, J.T. 122 (1994) 403
- Lapointe, R., see Guillou, L. 122 (1994) 103
- Lefèvre, J.-C., see Gillot, P.-Y. 122 (1994) 291
- Lund, S.P. and L. Keigwin, Measurement of the degree of smoothing in sediment paleomagnetic secular variation records: an example from late Quaternary deep-sea sediments of the Bermuda Rise, western North Atlantic Ocean 122 (1994) 317
- Mareschal, J.-C., see Guillou, L. 122 (1994) 103
- McInnes, B.I.A. and E.M. Cameron, Carbonated, alkaline hybridizing melts from a sub-arc environment: Mantle wedge samples from the Tabar–Lihir–Tanga–Feni arc, Papua New Guinea 122 (1994) 125
- Measures, C.I., see Bourlès, D.L. 122 (1994) 143
- Miyamoto, M. and H. Takeda, Evidence for excavation of deep crustal material of a Vesta-like body from Ca compositional gradients in pyroxene 122 (1994) 343
- Mori, H., see Takeda, H. 122 (1994) 183
- Muttoni, G. and D.V. Kent, Paleomagnetism of latest Anisian (Middle Triassic) sections of the Prezzo Limestone and the Buchenstein Formation, Southern Alps, Italy 122 (1994) 1
- Nativel, P.-E., see Gillot, P.-Y. 122 (1994) 291
- Navon, O., see Hurwitz, S. 122 (1994) 267
- Otsuka, A., see Tanaka, H. 122 (1994) 29
- Pande, K., see Venkatesan, T.R. 122 (1994) 263
- Peck, J.A., J.W. King, S.M. Colman and V.A. Kravchinsky, A rock-magnetic record from Lake Baikal, Siberia: Evidence for Late Quaternary climate change 122 (1994) 221
- Pyle, D.M., Reply by comment by M. Condominev on "The volume and residence time of magma beneath active volcanoes determined by decay-series disequilibria methods" 122 (1994) 257
- Raisbeck, G.M., see Bourlès, D.L. 122 (1994) 143

- Rowan, L.R. and T.J. Ahrens, Observations of impact-induced molten metal–silicate partitioning 122 (1994) 71
- Sarda, Ph., see Allègre, C.J. 122 (1994) 249
- Seyler, M. and E. Bonatti, Na, Al^{IV} and Al^{VI} in clinopyroxenes of subcontinental and suboceanic ridge peridotites: A clue to different melting processes in the mantle? 122 (1994) 281
- Shoberg, T. and S. Stein, Investigation of spreading center evolution by joint inversion of seafloor magnetic anomaly and tectonic fabric data 122 (1994) 195
- Smedley, P.L., see Andrews, J.N. 122 (1994) 159
- Staudacher, Th., see Allègre, C.J. 122 (1994) 249
- Stein, S., see Shoberg, T. 122 (1994) 195
- Stuart, F.M., Comment on "Speculations about the cosmic origin of He and Ne in the interior of the Earth" 122 (1994) 245
- Sugiyama, T., see Hidaka, H. 122 (1994) 173
- Tachibana, T., see Tanaka, H. 122 (1994) 29
- Takeda, H., H. Mori and D.D. Bogard, Mineralogy and ³⁹Ar–⁴⁰Ar age of an old pristine basalt: Thermal history of the HED parent body 122 (1994) 183
- Takeda, H., see Miyamoto, M. 122 (1994) 343
- Tanaka, H., A. Otsuka, T. Tachibana and M. Kono, Paleointensities for 10–22 ka from volcanic rocks in Japan and New Zealand 122 (1994) 29
- Tauxe, L. and G.S. Watson, The fold test: an eigen analysis approach 122 (1994) 331
- Thoraval, C., see Cazenave, A. 122 (1994) 207
- Van der Voo, R., True polar wander during the middle Paleozoic? 122 (1994) 239
- Venkatesan, T.R., K. Pande and K. Gopalan, Reply to the comment by G. Féraud and V. Courtillot on: "Did Deccan volcanism pre-date the Cretaceous–Tertiary transition?" 122 (1994) 263
- Villa, I.M., Multipath Ar transport in K-feldspar deduced from isothermal heating experiments 122 (1994) 393
- Wasson, J.T. and A.N. Krot, Fayalite–silica association in unequilibrated ordinary chondrites: Evidence for aqueous alteration on a parent body 122 (1994) 403
- Watson, G.S., see Tauxe, L. 122 (1994) 331
- White, N., An inverse method for determining lithospheric strain rate variation on geological timescales 122 (1994) 351
- Yiou, F., see Bourlès, D.L. 122 (1994) 143
- Zhang, Y., Reaction kinetics, geospeedometry, and relaxation theory 122 (1994) 373

